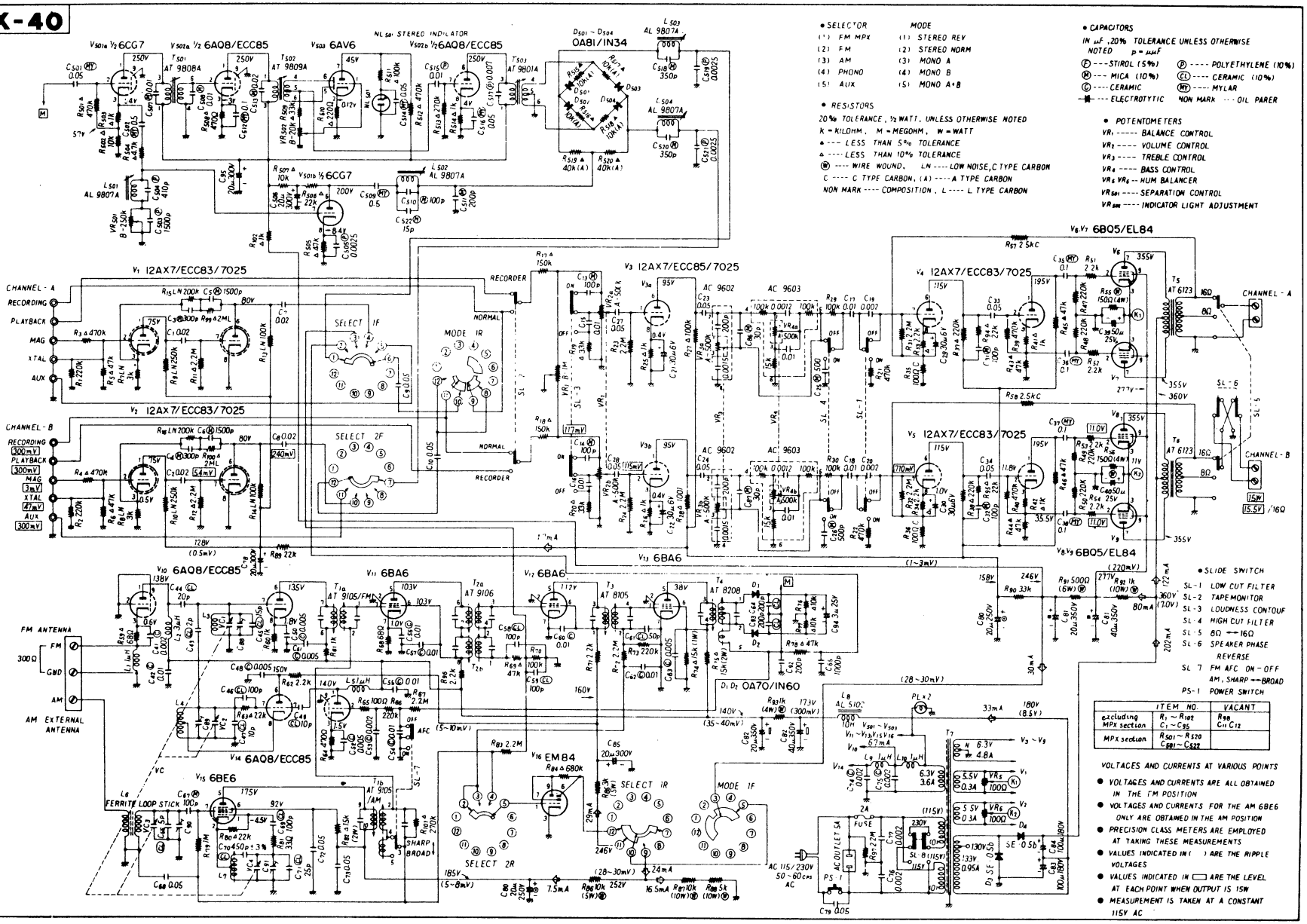
SX-40



- SELECTOR
  - (1) FM MPX — MODE (1) STEREO REV
  - (2) FM — MODE (2) STEREO NORM
  - (3) AM — MODE (3) MONO A
  - (4) PHONO — MODE (4) MONO B
  - (5) AUX — MODE (5) MONO A+B
- RESISTORS

20% TOLERANCE, ½ WATT, UNLESS OTHERWISE NOTED
k = KILOHM, M = MEGOHM, W = WATT
▲ ---- LESS THAN 5% TOLERANCE
△ ---- LESS THAN 10% TOLERANCE
(W) ---- WIRE WOUND. LN ---- LOW NOISE, C TYPE CARBON
C ---- C TYPE CARBON, (A) ---- A TYPE CARBON
NON MARK ---- COMPOSITION, L ---- L TYPE CARBON

- CAPACITORS

IN μF, 20% TOLERANCE UNLESS OTHERWISE NOTED p = μμF
(P) ---- STIROL (5%) (P) ---- POLYETHYLENE (10%)
(M) ---- MICA (10%) (CL) ---- CERAMIC (10%)
(C) ---- CERAMIC (MY) ---- MYLAR
--- ELECTROLYTIC NON MARK --- OIL PAPER

- POTENTIOMETERS

VR1 ---- BALANCE CONTROL
VR2 ---- VOLUME CONTROL
VR3 ---- TREBLE CONTROL
VR4 ---- BASS CONTROL
VR5 VR6 -- HUM BALANCER
VRS01 ---- SEPARATION CONTROL
VRSW ---- INDICATOR LIGHT ADJUSTMENT

- SLIDE SWITCH

SL-1 LOW CUT FILTER
SL-2 TAPE MONITOR
SL-3 LOUDNESS CONTOUR
SL-4 HIGH CUT FILTER
SL-5 8Ω ⇔ 16Ω SPEAKER PHASE REVERSE
SL-7 FM AFC ON-OFF
AM; SHARP ⇔ BROAD
PS-1 POWER SWITCH

	ITEM NO.	VACANT
excluding MPX section	R1 ~ R102 C1 ~ C95	R88 C11 C12
MPX section	R501 ~ R520 C501 ~ C522	

VOLTAGES AND CURRENTS AT VARIOUS POINTS

- VOLTAGES AND CURRENTS ARE ALL OBTAINED IN THE FM POSITION
- VOLTAGES AND CURRENTS FOR THE AM 6BE6 ONLY ARE OBTAINED IN THE AM POSITION
- PRECISION CLASS METERS ARE EMPLOYED AT TAKING THESE MEASUREMENTS
- VALUES INDICATED IN ( ) ARE THE RIPPLE VOLTAGES
- VALUES INDICATED IN ▭ ARE THE LEVEL AT EACH POINT WHEN OUTPUT IS 15W
- MEASUREMENT IS TAKEN AT A CONSTANT 115V AC